

# 6/Pre-Amend  
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Hawkins  
4-6-04

Attorney Docket No. IMMR006/01US

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of GOLDENBERG et al.

Serial No.: 09/927,416

Examiner: Unassigned

Confirmation No.: 6403

Art Unit: 2673

Filed: August 10, 2001

For: ACTUATOR THERMAL PROTECTION IN HAPTIC FEEDBACK DEVICES

Commissioner for Patents  
Washington, D.C. 20231

## PRELIMINARY AMENDMENT

Prior to examination of the above-identified application, please amend the above-captioned application as follows:

IN THE CLAIMS:

*Please rewrite claims 1-24 in the following manner. The amendments to claims 1-24 are shown in the attached Appendix.*

1. (Once Amended) A method comprising:

calculating an average energy in an actuator coupled to a haptic-feedback device over a predetermined period of time; and

reducing a maximum allowable current level in the actuator if the average energy exceeds a predetermined warning energy level.

a1  
cont.